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DERWENT
RURAL DISTRICT COUNCIL.

ANNUAL REPORT

OF THE

Medical Officer of Health

For the Year 1949.

SELBY:
E. M. RIMMINGTON LTD., "EXPRESS" OFFICE.
1950

To The Chairman and Members of the Derwent Rural District Council.

I have pleasure in submitting my Report upon the health of the Rural District for the year 1949.

W. Bertram Hill.

DERWENT RURAL DISTRICT COUNCIL.

Chairman: Councillor J. Elmhirst, J.P.
Vice-Chairman: Councillor G. A. Horsfield.

HOUSING AND PUBLIC HEALTH COMMITTEE.

Chairman: Councillor J. F. Hardy.
Vice-Chairman: Councillor G. A. Horsfield.

Sanitary Inspector:

GEORGE CHARNLEY,
Cert. S.I. Board,
Cert. Meat and Food Inspection R.S.I.

Medical Officer of Health:

W. BERTRAM HILL, M.D., Ch.B., D.P.H.

VITAL STATISTICS.

Population—12,710 (Mid-year 1949).

	Derwent Rural District	England and Wales
Death Rate	11.2 per 1,000	11.7
Birth Rate	14.5 ,, ...	16.7
Infantile Mortality Rate	16.2 ,, ...	32
(i.e., Deaths under 1 year per 1,000 Births)		
Pulmonary Tuberculosis	.15 ,, ...	.45
Non-Pulmonary Tuberculosis	.00 ,,	
Cancer Death Rate	2.2 ,,	
Respiratory Death Rate	.94 ,,	
Zymotic Death Rate	.00 ,,	
Still Birth Rate	.23 ,, ...	.39
Diarrhœa	.00 ,, ...	3.0
(Deaths in infants under 2 years of age per 1,000 live births).		
Maternal Mortality (per 1,000 live and still births)		
Puerperal Sepsis	.00 ,,	
Other Causes	.00 ,,	
Abortion with Sepsis		.11
Abortion without Sepsis		.15
Puerperal Infections		.11
Other Maternal Causes		.71

INFECTIOUS DISEASE.

Average No. of cases for 5 yrs.	Diphtheria	Scarlet Fever	Erysipelas	Cerebro-Spinal Fever	Polio-myelitis
1934-1938	8	17	2.7	.5	
1939-1943	8.2	18.6	2.4	.8	
1944	6	27	3	1	
1945	–	18	3	–	
1946	3	18	3	1	
1947	–	16	2	–	
1948	–	17	1	–	
1949	–	24	2	–	1

Measles.—230 cases were notified: there were no deaths.

Whooping Cough.—24 cases were notified: there were no deaths.

DEATHS FROM SEVERAL CAUSES

in the Derwent Rural District during the year 1949.

		Male	Female
1.	Typhoid and Paratyphoid Fever	–	–
2.	Cerebro Spinal Fever	–	–
3.	Scarlet Fever	–	–
4.	Whooping Cough	–	–
5.	Diphtheria	–	–
6.	Tuberculosis of Respiratory System	1	1
7.	Other Forms of Tuberculosis	–	–
8.	Syphilitic Diseases	–	–
9.	Influenza	–	–
10.	Measles	–	–
11.	Acute Poliomyelitis and Polioencephalitis	–	–
12.	Acute Infectious Encephalitis	–	–
13.	Cancer—Baccal Cavity, Oesophagus, Uterus	–	–
14.	Cancer—Stomach and Duodenum	5	1
15.	Cancer—Breast	–	2
16.	Cancer of all other sites	10	10
17.	Diabetes	2	1
18.	Intra Cranial Vascular Lesions	8	10
19.	Heart Disease	22	18
20.	Other Diseases, Circulatory System	4	3
21.	Bronchitis	6	3
22.	Pneumonia	–	1
23.	Other Respiratory Diseases	2	–
24.	Ulcer of Stomach and Duodenum	3	–
25.	Diarrhœa, under 2 years	–	–
26.	Appendicitis	–	–
27.	Other Digestive Diseases	2	2
28.	Nephritis	3	–
29.	Puerperal and Post Abortion Sepsis	–	–
30.	Other Maternal Causes	–	-
31.	Premature Birth	1	–
32.	Congenital Malformation: Birth Injuries	–	–
33.	Suicide	–	–
34.	Road Traffic Accidents	2	1
35.	Other Violent Causes	2	1
36.	All Other Causes	6	10
	All Causes	79	64

Population—12710.

		Male	Female
Live Births.—	Legitimate	84	96
	Illegitimate	3	2
	Total	87	98
Still Births.—	Legitimate	1	2
	Illegitimate	–	–
	Total	1	2
Deaths of Infants under 1 year of age:			
	Legitimate	1	1
	Illegitimate	1	–
	Total	2	1

Comparability Factor .95.

In order that the death rate, etc., as calculated locally may be compared with that of the Country as a whole, the Registrar General has supplied a comparability figure, viz., .95.

The death date of 11.2 becomes 11.2 x .95, which furnishes a rate of 10.6 per 1,000 population.

TUBERCULOSIS.

Average Notifications in	Pulmonary	Non-Pulmonary
1934—1938	9	3.7
1939—1943	6.2	3.8
1944	5	4
1945	10	4
1946	11	4
1947	2	3
1948	12	2
1949	7	1

CASE RATE PER 1,000 LIVING OF ACUTE INFECTIOUS DISEASE.

	England and Wales	Derwent Rural District
Typhoid Fever	.0-	.00
Para Typhoid Fever	.01	.00
Cerebro Spinal Fever	.02	.00
Scarlet Fever	1.63	1.88
Whooping Cough	2.39	1.88
Diphtheria	.04	.00
Erysipelas	.19	.15
Small Pox	.00	.00
Measles	8.95	10.22
Acute Poliomyelitis	.13	.07
Acute Polioencephalitis	.0-	.00
Pneumonia	.80	1.02
*Puerperal Fever / Puerperal Pyrexia	6.31	.00
Food Poisoning	.14	.00

* Per 1,000 total live and still births.

DIPHTHERIA IMMUNISATION.

Under the terms of the National Health Service Act, Diphtheria Immunisation is the responsibility of the County Council. The County Medical Officer has supplied me with the undermentioned figures which show the number of children resident in the Rural District who were known to have been immunised up to 30th December, 1949.

1. Immunisation carried out during the year ended 31st December, 1949:

   Children under 5 years of age 152
   Children 5 to 14 years of age 4
   Boosting Doses 18

2. Number of chidren immunised who were born between 1935 and 1949 (inclusive):

   Children under 5 years of age .... 525 = 51.2%
   Children 5 to 14 years of age .... 1443 = 84.8%

3. Estimated mid-year child population 1949:

   Age 0 to 4—1024. Age 5 to 14—1701.

WATER SUPPLY.

The Water Supply of the District is obtained from:—
(a) A neighbouring Local Authority;
(b) A Private Water Company;
(c) and to 69 houses from a Deep Bore Well situate on a Private Estate

The Water supplied by the Local Authority and the Private Water Company is chlorinated, as is also that on the Private Estate.

There is a degree of inadequate Supply of Water in the Parish of Stillingfleet, and the matter is under consideration by the Council.

The question of extending the public mains to certain outlying farms is also being considered, and a scheme is in course of preparation.

Details of the Water Supply of each Parish in the Rural District.

PARISH	No. of Houses	Cat. 1 No. of Houses supplied direct from public main	Cat. 2 No. of Houses supplied from stand-pipes	Cat. 3 No. of Houses supplied from other private sources	Population figures for respective categories		
					Cat. 1	Cat. 2	Cat. 3
Barlby	875	855	14	Nil	3162	51	Nil
Cliffe	239	207	7	Nil	731	28	Nil
Deighton	51	36	Nil	Nil	161	Nil	Nil
Dunnington	288	203	22	Nil	667	78	Nil
Elvington	131	106	9	Nil	335	33	Nil
Escrick	138	48	Nil	69	202	Nil	255
Hemingbrough	190	152	7	Nil	546	26	Nil
Kelfield	96	81	6	Nil	268	22	Nil
Kexby	48	27	6	Nil	101	Nil	Nil
Naburn	128	79	6	Nil	363	23	Nil
North Duffield	107	68	10	Nil	250	35	Nil
Riccall	254	229	15	Nil	707	53	Nil
Skipwith	60	39	4	Nil	162	15	Nil
Stillingfleet	89	59	2	Nil	187	11	Nil
Thorganby	86	67	12	Nil	309	42	Nil
Wheldrake	136	102	16	Nil	365	57	Nil
Totals	2916	2358	130	69	8516	474	255
Fulford	431	Within the York Waterworks Company's Statutory Area—supplied with water from their mains.					
Heslington	208						
Total Houses	3555						

Samples from all the piped water supplies are submitted for periodic analysis, and in all instances have proved satisfactory.

HOUSING.

Housing Position as at 31st March, 1950:

	Total	Completed	Under Construction	Tenders let or being invited
Barlby	54	48	6	—
Dunnington	28	17	11	—
Elvington	16	16	—	—
Escrick	8	—	8	—
Fulford	32	32	—	—
Heslington	32	32	—	—
Kexby	8	8	—	—
Naburn	9	9	—	—
North Duffield	6	2	—	4
Riccall	14	14	—	—
Skipwith	6	6	—	—
Stillingfleet	10	10	—	—
Thorganby	6	6	—	—
Wheldrake	6	6	—	—
	235	206	25	4

Total Inspections for all purposes 526

Inspections under the Public Health Act 183

Rural Housing Survey (Cent. Housing Advisory Committee)

Number of Houses inspected and their Categories:

Cat. 1	Cat. 2	Cat. 3	Cat. 4	Cat. 5
1018	410	347	23	160

(Cat. 4 houses also included in Cats. 3 or 5).

Total number of houses liable for inspection in the area 3319

Total number already inspected and classified 1935

Riccall Airfield.

A Contract has been let for the necessary improvements to the dwellings—19 on Site No. 5 (Riccall Airfield), comprising the lining of the huts, provision of wash houses, and the weather-proofing of the huts. The work is in progress.

There are still remaining on the W.A.A.F. Site 10 families, and the basic sanitary requirements, i.e., water supply and removal of refuse, etc., are provided with a view to preventing, as far as possible, any danger to public health; the work being carried out as Agents for the Ministry.

SEWAGE DISPOSAL.

The Council has a scavenging scheme embracing the whole of the District, carried out by its own staff, and the work is efficiently performed.

1750 houses in the area are on the Water Carriage system, and 1680 (approx.) are provided with Pail Closets.

Conversions.—5 Conversions to Water Closets were obtained during the year: Riccall 5.

A scheme for the installation of adequate sewage works in the Parish of Elvington is under consideration, and is being submitted to the Ministry of Health.

Other parishes are receiving the attention of the Council.

FOOD SUPPLY.

As a result in the change in the legislation made under the Food and Drugs Acts, 1938 and 1944, and its becoming operative on October 1st, 1949, viz., The Milk and Dairies Regulations, 1949, The Milk (Special Designation) Pasteurised and Sterilised Milk Regulation, 1949, The Milk (Special Designation)Raw Milk, 1949, the District Council is responsible only for the supervision of the distribution of the milk;

the County Council, as the Food and Drugs Authority, is responsible for the supervision of milk treatment, i.e., pasteurisation and heat treatment; and the Ministry of Agriculture and Fisheries is responsible for the supervision of the premises and the methods of milk production.

There are, in the Rural District, 44 persons who are engaged in retailing milk.

Pasteurised Milk.—By agreement with the County Council, 16 samples were submitted for examination, of which all proved satisfactory.

Raw Milk.—4 samples were examined, all proving satisfactory.

Ice Cream.—There is one producer only in the district, and frequent analysis of the product have proved satisfactory.

Other Foods.—The following were dealt with during the year: Fruit, 133 lbs; Fish, 28 lbs.; Tomato Soup, 40 lbs.

Under Section 15 of the Food and Drugs Act, the District Council has adopted the model byelaws providing for the supervision of the conditions under which food is handled and the legal formularies are being complied with.

DERWENT RURAL DISTRICT.

Cases of Infectious Disease notified during the year 1949.

Notifiable Disease.	Number of Cases Notified								Cases Removed to Hospital	Deaths
	At all Ages.	According to Age								
		Under 1	1 to 4	5 to 14	15 to 24	25 to 44	45 to 64	Over 65		
Small-pox	...	...	...	...	...	...	...	..	...	...
Cholera (C) Plague (P)	..	...	...	...	...	...	...	...	...	...
Diphtheria (including Membranous Croup)	...	...	...	...	...	...	...	...	...	...
Erysipelas	2	...	...	...	...	1	1	...	...	...
Scarlet Fever	24	...	4	19	...	1	...	...	23	...
Typhus Fever	...	...	..	...	...	...	...	...	...	...
Enteric Fever	...	..	...	...	...	...	...	..	...	...
Relapsing Fever (R) Continued Fever (C)	...	..	...	...	...	...	...	...	...	...
Puerperal Pyrexia	...	..	...	..	...	...	..	...	...	...
Cerebro-spinal Meningitis	...	...	...	...	...	...	...	...	...	...
Poliomyelitis	1	...	...	1	...	...	...	...	1	...
Ophthalmia Neonatorum		..	...	..	...	...	...	...	...	...
Pulmonary Tuberculosis	7	...	...	...	3	2	1	1	...	...
Other forms of Tuberculosis	1	...	...	1	...	..	...	...	...	...
Measles	230	4	86	138	1	1	..	...	...	...
Primary Pneumonia	13	1	2	1	...	4	5	...	...	...
Influenzal Pneumonia	...	...	...	...	..	...	...	...	...	...
Whooping Cough	24	1	11	11	...	...	1	...	...	...
Dysentery	...	...	...	...	...	...	...	...	...	...
Encephalitis Lethargica	...	...	...	...	...	..	...	...	...	...
Totals	302	6	103	171	4	9	8	1	24	...